Visiweb readme file:

http://www.roadview.udot.utah.gov/visiweb/

This web application is available to view the roadway images and associated information for each .1 mile segment.

Introduction:

The roadway images and pavement condition data for 2009 & 2010 were collected under contract.

All of the state routes were driven in the "N" (negative) direction, except for the interstate system which was driven in both directions, in 2009.  The data was collected in the "P" (positive) direction during 2010. The images were collected at 250 frames per mile, or 0.004 mile intervals.  The data was summarized in 0.1 mile segments.

The "N" direction means the mile posting will be decreasing.  The "P" positive direction means the mile posting will be increasing.  In general the positive mileage is from South to North and from West to East.

This application can be used as an image player to view the images like a video of the roadway as you would see while driving.  This is done with smaller "thumbnail" images that are 25% of the full size image.  Left double click to view the full size high-resolution image.  Right click to save or email the image.

The full size image has a blue banner at the top with the Route, Direction, Mileage & Date.

The application has a QUICK Locator button in the blue tool bar above the image.  Use this to select a Route from a drop down, along with a County, Region and Direction.  This will take you to the first image at the end of the route, or at the County boundary when you select the GOTO button.
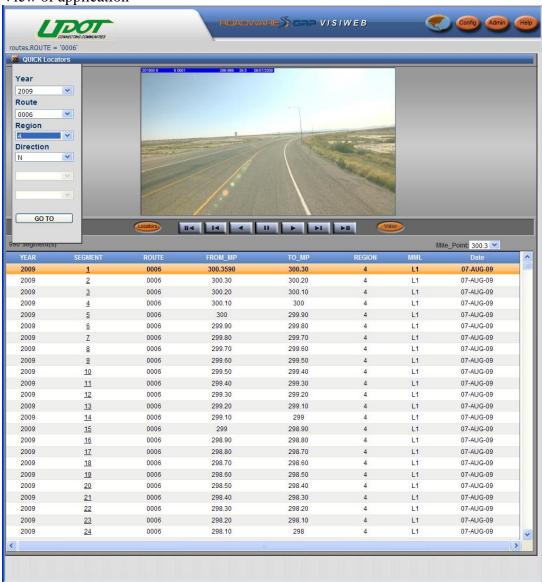
The default application will provide 200 segments of 0.1 mile information and images, or 20 miles.  This can be increased to 999 segments using the orange Locators button on the Left of the image viewer controls.

The first time the application is used the information table needs to be set up to include the typical information that you would like to have shown.  Use the orange Config button at the top to do this. Select from the Fields drop down common items like Route, Direction, From_MP, To_MP, Region, etc. Add each item, then Label and sort as desired.  Your cookies will keep this setup and it will start this way next time.

Additional section information is also available.  Data for latitude, longitude, elevation, cross slope, grade, left or right roughness (IRI), left or right wheel path rutting can also be included.

The orange Locators button can be used to create querries and only view selected segments.

View of application

routes.ROUTE = '0006'

QUICK Locators

Year
2009
Route
0006
Region
4
Direction
N

GO TO

990 Segment(s)

Mile_Point: 300.3

| YEAR | SEGMENT | ROUTE | FROM_MP | TO_MP | REGION | MML | Date |
|---|---|---|---|---|---|---|---|
| 2009 | 1 | 0006 | 300.3590 | 300.30 | 4 | L1 | 07-AUG-09 |
| 2009 | 2 | 0006 | 300.30 | 300.20 | 4 | L1 | 07-AUG-09 |
| 2009 | 3 | 0006 | 300.20 | 300.10 | 4 | L1 | 07-AUG-09 |
| 2009 | 4 | 0006 | 300.10 | 300 | 4 | L1 | 07-AUG-09 |
| 2009 | 5 | 0006 | 300 | 299.90 | 4 | L1 | 07-AUG-09 |
| 2009 | 6 | 0006 | 299.90 | 299.80 | 4 | L1 | 07-AUG-09 |
| 2009 | 7 | 0006 | 299.80 | 299.70 | 4 | L1 | 07-AUG-09 |
| 2009 | 8 | 0006 | 299.70 | 299.60 | 4 | L1 | 07-AUG-09 |
| 2009 | 9 | 0006 | 299.60 | 299.50 | 4 | L1 | 07-AUG-09 |
| 2009 | 10 | 0006 | 299.50 | 299.40 | 4 | L1 | 07-AUG-09 |
| 2009 | 11 | 0006 | 299.40 | 299.30 | 4 | L1 | 07-AUG-09 |
| 2009 | 12 | 0006 | 299.30 | 299.20 | 4 | L1 | 07-AUG-09 |
| 2009 | 13 | 0006 | 299.20 | 299.10 | 4 | L1 | 07-AUG-09 |
| 2009 | 14 | 0006 | 299.10 | 299 | 4 | L1 | 07-AUG-09 |
| 2009 | 15 | 0006 | 299 | 298.90 | 4 | L1 | 07-AUG-09 |
| 2009 | 16 | 0006 | 298.90 | 298.80 | 4 | L1 | 07-AUG-09 |
| 2009 | 17 | 0006 | 298.80 | 298.70 | 4 | L1 | 07-AUG-09 |
| 2009 | 18 | 0006 | 298.70 | 298.60 | 4 | L1 | 07-AUG-09 |
| 2009 | 19 | 0006 | 298.60 | 298.50 | 4 | L1 | 07-AUG-09 |
| 2009 | 20 | 0006 | 298.50 | 298.40 | 4 | L1 | 07-AUG-09 |
| 2009 | 21 | 0006 | 298.40 | 298.30 | 4 | L1 | 07-AUG-09 |
| 2009 | 22 | 0006 | 298.30 | 298.20 | 4 | L1 | 07-AUG-09 |
| 2009 | 23 | 0006 | 298.20 | 298.10 | 4 | L1 | 07-AUG-09 |
| 2009 | 24 | 0006 | 298.10 | 298 | 4 | L1 | 07-AUG-09 |

The orange Locators button is the Advanced Locators tool. In addition to using this to set the segments to 999, it is used for building querries.

The Fields drop down has extra information the application needs to integrate the images and database. You need to go halfway down and use the segments.ROUTE field and not either of the ROUTESID fields.

A common issue will be how to get past the 99.9 mile limit. Using Route 12 as an example, use this tool and select [segements.ROUTE] [ = ] [ 0012 ] [ AND ] then add. Next select [From_MP ] [ < ] [ 23.9 ] then add and hit ok.

The Globe button will open up a *bing* aerial map that will scroll along the route, after you zoom in close enough.